

Date: Fri, 4 Feb 94 04:12:27 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #110
To: Info-Hams

Info-Hams Digest Fri, 4 Feb 94 Volume 94 : Issue 110

Today's Topics:

 Access to VOA News by United States Residents
 A code speed question
 ANARTS RTTY NEWS BULLETIN 792 16/01/94
 Automotive computers and amateur radios - Help!
 Boring WWV Programs (2 msgs)
 BV2CH Testing (2 msgs)
 Daily Summary of Solar Geophysical Activity for 01 February
 FCC Database Online For Calif.
 Internet legality question
 Is there a ARC at Boston Univ.?
 none
 Questions on 2m Amp Market
 TEST (3 msgs)
 Testing
 Wanted: Mods for Collins KWM-2A

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Feb 1994 20:22:56 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
usenet.ins.cwru.edu!ukma!news-feed-2.peachnet.edu!news-feed-1.peachnet.edu!
insosf1.infonet.net!usenet@network.ucsd.edu
Subject: Access to VOA News by United States Residents
To: info-hams@ucsd.edu

In article <2ioqhf\$q4f@vixen.cso.uiuc.edu>, ignacy@ux2.cso.uiuc.edu (Ignacy

Misztal) writes:

>The local nameserver does not know voa.gov. Can you provide the IP number?
>

Try 152.75.16.1

It was posted in an earlier post also.

Date: Fri, 4 Feb 1994 01:11:20 GMT

From: agate!howland.reston.ans.net!newsserver.jvnc.net!raffles.technet.sg!ntuix!
ntuvax.ntu.ac.sg!asirene@network.ucsd.edu

Subject: A code speed question

To: info-hams@ucsd.edu

In article <2ipg9u\$6r9@usenet.INS.CWRU.Edu>, aa813@cleveland.Freenet.Edu (Joseph B. Swartz) writes:

>

> In a previous article, elendir@enst.fr (Elendir) says:

>

>> Hi there,

>>

>> I am learning the morse code, and occasionally I try accelerated rates

>>(15 wpm, e.g). And while I can get many letters, I find it impossible to

>>write them down. So this is my question :

>> How can you achieve at the same time listening and writing of the letters

>>at such speeds ? That seems a mistery to me.

>>

>

> I found that disconnected script worked well. I could not print that fast

> and regular script presupposes that you know what the next letter will be

> (which I never do). Happiness is thinking, "This makes no sense, but

> looking at the paper and finding WORDS!"

>

> I still cannot copy in my head.

Hi,

I have the same problem. I find that writing down the characters I copy rather distracting and tends to make me lose characters. I guess I could copy at 18 wpm but still writing down is the hardest part.

Also, is it advisable to be buffering (lagging) in your decoding? Or should I strive for no lag situation?

73 de 9V Danile

>

> 73, Joe N8IPC

Date: 3 Feb 94 08:19:15 GMT
From: cs.utexas.edu!howland.reston.ans.net!pipex!uknet!demon!dis.demon.co.uk!
eiffel.demon.co.uk!rogerb@rutgers.rutgers.edu
Subject: ANARTS RTTY NEWS BULLETIN 792 16/01/94
To: info-hams@ucsd.edu

In article <1994Jan31.064521.3076@fawlty.towers.oz.au>
steve@fawlty.towers.oz.au "Steve Blanche" writes:

> > Amateur Radio Teletype : By FRANK VK2FJL.
> > ...
> > For instance - it is known that at least four
> > different keyboard layouts using different keys for the upper
> > case or upshift characters are in use by Amateur RTTY
> > stations ...

> Seems like an awful lot of bother, why not scrap the old metal
> monster and run a protocol that supports the ASCII subset, such
> as the many packet protocols in use, even PACTOR probably works.

Around 1980 I was a student at UNSW. One of the UNSWARS members had
gained access to computer time on a PDP-11, and the necessary interfaces
to make a RTTY repeater. We applied to the WIA for repeater approval,
including a document which explained all about the ASCII code.
We were refused permission for any kind of repeater running ASCII. The
official response was simply "NO", the rumour was that WIA disposals
had a lot of metal monsters that they still wanted to get rid of.
I suspect the actual reason was just that those in control didn't want
to see anyone doing anything different or innovative.

Roger
(ex-VK2BEQ)

--
-- Roger Browne, 6 Bambers Walk, Wesham, PR4 3DG, UK | Ph 0772-687525
-- Everything Eiffel: compilers/libraries/publications | +44-772-687525

Date: 2 Feb 1994 23:16:49 GMT
From: iris.mbvlab.wpafb.af.mil!edfue0!engberg@uunet.uu.net
Subject: Automotive computers and amateur radios - Help!
To: info-hams@ucsd.edu

Mike,

I once had my Plymouth Reliant die momentarily when I keyed the 2 mtr rig.
45 watts to a wet 1/4 wave mag mount. No problem when it's dry.
When I keyed the transmitter, the electronic fuel injection stopped.
Not a problem if your going down hill, I suppose.

--

Bob Engberg
phone: 907-552-7172
e-mail: engberg@ctis.af.mil
packet: KOMVL@KL7AA

Date: Fri, 4 Feb 94 01:04:58 GMT
From: agate!howland.reston.ans.net!newsserver.jvnc.net!a3bee2.radnet.com!cyphyn!
randy@network.ucsd.edu
Subject: Boring WWV Programs
To: info-hams@ucsd.edu

Robert Casey (wa2ise@netcom.com) wrote:
: "This is WWV, with the time, all the time!"

....and solar index announcements...and navigation sattalite status ...
and most useful of all, the most accurate frequency being transmitted
that you can get!

We use WWV to calibrate our 100Kc calibrators, our Freq counters and
PLL'ed radio sets with.

....all the time! :)

--

Randy KA1UNW	If you get a shock while	
	servicing your equipment,	"Works for me!"
randy@192.153.4.200	DON'T JUMP!	-Pete Keyes
	You might break an expensive tube!	

Date: Wed, 2 Feb 1994 23:37:01 GMT
From: netcomsv!netcom.com!wa2ise@decwrl.dec.com
Subject: Boring WWV Programs
To: info-hams@ucsd.edu

"This is WWV, with the time, all the time!"

Date: Thu, 3 Feb 1994 20:29:43 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!oakhill!victorc@network.ucsd.edu
Subject: BV2CH Testing
To: info-hams@ucsd.edu

Date: Thu, 3 Feb 1994 20:04:36 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!oakhill!victorc@network.ucsd.edu
Subject: BV2CH Testing
To: info-hams@ucsd.edu

testing3.

Date: Wed, 2 Feb 1994 10:10:19 MST
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-
state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!ve6mgs!
usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 01 February
To: info-hams@ucsd.edu

/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACT

01 FEBRUARY, 1994

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACT

NOTE: The SIDC Brussels Provisional International Mean Monthly Sunspot
Number (RI) for January 1994 is 58.8.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 032, 02/01/94
10.7 FLUX=094 90-AVG=106 SSN=055 BKI=1123 2211 BAI=006
BGND-XRAY=B1.0 FLU1=3.0E+05 FLU10=1.1E+04 PKI=2123 2111 PAI=006

BOU-DEV=009,007,016,028,017,010,005,005 DEV-AVG=012 NT SWF=00:000
 XRAY-MAX= B1.9 @ 0418UT XRAY-MIN= A9.1 @ 1836UT XRAY-AVG= B1.1
 NEUTN-MAX= +002% @ 1215UT NEUTN-MIN= -002% @ 2210UT NEUTN-AVG= -0.1%
 PCA-MAX= +0.1DB @ 0440UT PCA-MIN= -0.4DB @ 0535UT PCA-AVG= -0.0DB
 BOUTF-MAX=55348NT @ 1452UT BOUTF-MIN=55327NT @ 1934UT BOUTF-AVG=55342NT
 GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+070,+000,+000
 GOES6-MAX=P:+119NT@ 1741UT GOES6-MIN=N:-063NT@ 0848UT G6-AVG=+091,+028,-026
 FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=010,005,005/008,008,008
 KFCST=1112 2111 1112 2111 27DAY-AP=005,011 27DAY-KP=1112 2212 3333 3312
 WARNINGS=
 ALERTS=
 !!END-DATA!!

NOTE: The Effective Sunspot Number for 31 JAN 94 is not available.
 The Full Kp Indices for 31 JAN 94 are: 2o 1o 3- 2o 2- 2+ 2- 3-
 The 3-Hr Ap Indices for 31 JAN 94 are: 7 4 12 7 7 9 7 12

SYNOPSIS OF ACT

Solar activity was very low. All the regions on the disk were quiet and stable. A 17 degree filament near S32W06 disappeared sometime between 31/2336Z and 01/1451Z.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field was quiet to unsettled.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for the next three days.

Event probabilities 02 feb-04 feb

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 02 feb-04 feb

A. Middle Latitudes

Active	15/05/10
Minor Storm	10/05/05
Major-Severe Storm	01/01/01

B. High Latitudes

Active	20/05/10
Minor Storm	10/05/05
Major-Severe Storm	05/01/01

HF propagation conditions were normal over all regions.
Good propagation is expected to continue through the next 72 hours.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WIT

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7659	S14W85	150	0030	BX0	04	003	BET	
7662	S17W18	083	0040	CRO	06	008	BET	
7663	N11W23	088	0010	AXX	02	003	ALPHA	
7665	N05E39	026	0080	HSX	02	001	ALPHA	
7660	S09W48	113					PLAGE	
7661	N10W68	133					PLAGE	
7664	S13E28	037					PLAGE	

REGIONS DUE TO RET

NMBR LAT

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 01 FEBRUARY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP	SWF
NO EVENTS OBSERVED										

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 01 FEBRUARY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
01/A0018		B1451	S40E08	DSF				

INFERRED CORONAL HOLES: LOCATIONS VALID AT 01/2400Z

ISOLATED HOLES AND POLAR EXT									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
60	S25W30	S25W40	S25W40	S15W38	110	ISO	POS	002	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
31 Jan:	0135	0138	0142	B1.9						
	0311	0417	0507	B4.8						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Uncorrelated:	0	0	0	0	0	0	0	0	002	(100.0)

Total Events: 002 optical and x-ray.

EVENTS WIT

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Fri, 4 Feb 1994 06:54:34 GMT
From: dog.ee.lbl.gov!agate!iat.holonet.net!bwilkins@network.ucsd.edu
Subject: FCC Database Online For Calif.
To: info-hams@ucsd.edu

tweek@netcom.com (Michael D. Maxfield) writes:

:

: Yes, I've found that to be a workable method. I don't know about the use
: of a global at the begining though... I tried it and felt that I had to
: abort the search after a few minutes... It may work but it might be putting
: a good load on the cpu??? Any info on leading globals?

Put the * at the beginning and the search must take in the whole data
base. You just have to sit back and wait. Of course you will get tons of
output including the frequency of Old Mc Donalds Farm :)

Bob

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@cave.org packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: 4 Feb 1994 01:00:56 GMT
From: yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!ornews.intel.com!
landesk!bmiller@uunet.uu.net
Subject: Internet legality question
To: info-hams@ucsd.edu

I know this isn't radio related, but I tried the other groups with
no response. I am looking for an authoritative source on what
business practices are "legal" or accepted using internet services.

Can someone point me in the right direction?

--

Brett Miller N70LQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT

Date: 2 Feb 94 18:43:18 GMT
From: dziuxsolim.rutgers.edu!gandalf.rutgers.edu!lau@uunet.uu.net
Subject: Is there a ARC at Boston Univ.?
To: info-hams@ucsd.edu

Does anybody know if there is a ham radio club at Boston University? I got somebody insterested in ham radio through email. Since I do not live in the Boston area, I would like to see if it is possible to hook the person up with the club at Boston U. I have checked the university club station list posted a long time ago on this newsgroup, but Boston U. was not on it.

I would appreciate if you can respond through email. I have not had much time to check this newsgroup recently.

Thanks and 73.

- Jonathan Lau

=====
"Vanity of vanities, saith the Preacher,
vanity of vanities; all is vanity"
"Remember now thy Creator in the days of thy youth,
while the evil days come not, nor the years draw nigh,
when thou shalt say, I have no pleasure in them." - Ecclesiastes

73 de AA2NM __... __... __... __... __... __... __... __...
=====

--

- Jonathan Lau

=====
"Vanity of vanities, saith the Preacher,
vanity of vanities; all is vanity"
"Remember now thy Creator in the days of thy youth,
while the evil days come not, nor the years draw nigh,
when thou shalt say, I have no pleasure in them." - Ecclesiastes

73 de AA2NM __... __... __... __... __... __... __... __...
=====

Date: Thu, 3 Feb 1994 21:08:43 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!oakhill!victorc@network.ucsd.edu
Subject: none
To: info-hams@ucsd.edu

Date: 4 Feb 94 03:07:16 GMT
From: ogicse!emory!gatech!prism!gt6681a@network.ucsd.edu
Subject: Questions on 2m Amp Market
To: info-hams@ucsd.edu

Hello. I am conducting some preliminary market research for a small business which I plan to start during 94. I am considering offering 2m amplifier kits. My questions at this point call for a survey of sorts to determine what features are important and in fact is such a kit likely to have any appeal.

Please respond via email if you have opinions on the following.

1. Would you consider building a kit amplifier if the performance was comparable with current market offerings?
2. If yes to question 1, how much savings are required to justify building a kit versus buying a built amplifier.
3. What features would you most like to have in a kit?
4. Are there any features which current market offerings do not have that you would like to see in a kit?
5. Do you think use of amplifiers with HTs, particularly for mobile use would significantly improve your communications?

Thanks in advance for any feedback, and please add any additional info that you think is appropriate for this research.

--
Robert Craig Newbold
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt6681a
Internet: gt6681a@prism.gatech.edu

Date: Thu, 3 Feb 1994 22:22:56 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!oakhill!victorc@network.ucsd.edu
Subject: test
To: info-hams@ucsd.edu

test.

Date: Thu, 3 Feb 1994 23:12:40 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!oakhill!victorc@network.ucsd.edu
Subject: TEST
To: info-hams@ucsd.edu

This is a testing.

Date: Thu, 3 Feb 1994 23:25:31 GMT
From: agate!usenet.ins.cwru.edu!howland.reston.ans.net!cs.utexas.edu!oakhill!
victorc@network.ucsd.edu
Subject: TEST
To: info-hams@ucsd.edu

This is a testing.

Date: Thu, 3 Feb 1994 21:02:54 GMT
From: agate!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
cs.utexas.edu!oakhill!victorc@network.ucsd.edu
Subject: Testing
To: info-hams@ucsd.edu

Hi this is a testing.

Date: Wed, 2 Feb 1994 17:32:51 GMT
From: ucsnews!sol.ctr.columbia.edu!news.mtu.edu!caen!destroyer!jobone!
slee01.srl.ford.com!eccdb1.pms.ford.com!pt5000.pto.ford.com!blake@network.ucsd.edu
Subject: Wanted: Mods for Collins KWM-2A
To: info-hams@ucsd.edu

I am looking for any published mods for the Collins KWM-2A. To include plans for either their noise blanker add-on or an improvised on. I would also like to find out if there is an easy way to put a crystal filter in the beast. The CW receive is a bit too broad.

Thanks in advance...

+-----+
|
| Mike Blake blake@chaos.eng.wayne.edu |
|

	mblake@ap.cl.msu.edu	
	blake@pt5000.pto.ford.com	
	n4izo@hamgate.cc.wayne.edu	
Packet	n4izo@wsu.n8fow.ampr.org	

+-----+

Date: 2 Feb 1994 23:10:30 GMT
From: iris.mbvlab.wpafb.af.mil!edfue0!engberg@uunet.uu.net
To: info-hams@ucsd.edu

References <2hmper\$ppo@solaris.cc.vt.edu>, <CKBJtu.45s@freenet.carleton.ca>,
<2ik0cn\$9hq@orca.es.com>u
Subject : Re: Famous hams

And don't forget:

I0BOY Michael Jackson

--

Bob Engberg
phone: 907-552-7172
e-mail: engberg@ctis.af.mil
packet: KOMVL@KL7AA

End of Info-Hams Digest V94 #110

